3404 Pawnee Drive   Alexandria, MN 56308

Eben A. Brown
president

E. Arthur Brown
Company

Phone: 612/762-8847
MCI Mail ID: 238-8867
TELEX No: 650-238-8867

Tasword II Operating Tips
(A Special Supplement to the Instruction Manual)

Here are some tips and tricks for using Tasword II that it's operating manual doesn't cover. Many of you have requested instructions for these types of procedures, so we've taken to including them with each order. A special thanks to Scott Duncan for compiling most of this information into readable form.

How to Print More Than 64 Characters per Line

Tasword II produces 64 characters per line... which is the norm for most letter writing. However, if you have a printer that produces condensed print, you may feel limited with only 64 cpl. Use the following instructions to allow printing of up to 128 characters per line:

1. Define a graphics character to be a ~~reverse~~ line feed and insert this at the end of alternate lines.
2. Use STOP g to alter the carriage return and line feed code to Ø, then define a graphics character to be these codes (usually 13,10) and insert this on alternate lines in the text.

There are dozens of permutations of this process and it requires experimentation. (Tasword II was not designed with this function in mind.)

How to Print Multiple Copies (large printers only)

Add the following program lines to Tasword II:

251 LET i=14:PRINT AT i,Ø;"No. of copies (1)" : GOSUB 6ØØØ: IF a$=" " THEN LET a$="1"
252 LET k=VAL a$
279 FOR i=1 TO k
281 NEXT i

If q is pressed to quit printing, it must be held down for awhile. Some text be repetitively printed before the printing stops.

How to Print Normal Sized Characters on Your 2040

With the following program modification, the text file can be printed out on the 2040, Alphacom 32, and ZX Printers in two halves (left and right) with characters of the normal 2068 size. Enter BASIC and POKE the addresses below with the codes to the right of them. For example, POKE 63983,237.

Address	Code	Address	Code	Address	Code	Address	Code
63983	237	63987	58	63991	237	63995	205
63984	67	63988	26	63992	67	63996	67
63985	4	63989	243	63993	1	63997	250
63986	243	63990	79	63994	243	63998	201

Be sure to SAVE Tasword II now that you've modified it (use a blank tape).

To print the left half of the text, be sure that the the left hand side of the text is visible through the 32 character per line window. Then, use the Extended Mode <P> control key to print. To print the right half, be sure the right half is showing in the 32 cpl. window, set the left margin to at least column 48, and use the Extended Mode <P> key to print. Please note, this modification to Tasword II prevents the use of Block Marker routines.

Left Margin Printing Change

Insert the following program line in Tasword II to avoid going through the "define graphics/printer option" every time you want to change the left margin on your printout.

253 LET I=16:PRINT AT I,0;"Left margin (";PEEK 60927;")":GOSUB 6000: IF a$<>" "THEN POKE 60927,VAL a$

How to Modify the Help Menu

To modify the normal Help Menu enter BASIC and enter the following command:

FOR I=0 TO 1535:POKE (33280+i), PEEK (54784+i) : NEXT I

Your 2068 will take several seconds to execute this command. after it does, press RUN and you'll find the Help Menu in your Tasword II text file. Make whatever modifications you want and then enter BASIC again and enter the following command: FOR i=0 TO 1535:POKE (54784+i),PEEK(33280+i):NEXT i

To modify the Extended Mode Help Menu, replace 54784 in the above expressions with 56320.

How to Print through the Aerco Centronics Interface.

Enter BASIC and type in the following program:

```
9000 POKE 57978,32: POKE 57979,12
9010 FOR i=57997 TO 58022
9020 PRINT i;
9030 INPUT c: POKE i,c: PRINT TAB 9-LEN STR$ c;c
9040 LPRINT i; TAB 9-LEN STR$ c;c
9050 NEXT I
```

Next, type GOTO 9000. This will bring up on your screen an assortment of addresses. As each address appears, enter the code which appears next to it in the chart below.

Address	Code	Address	Code	Address	Code	Address	Code
57997	79	57998	205	57999	9	58000	32
58001	56	58002	2	58003	207	58004	12
58005	0	58006	219	58007	127	58008	203
58009	79	58010	40	58011	2	58012	24
58013	240	58014	203	58015	103	58016	32
58017	236	58018	121	58019	211	58020	127
58021	201	58022	201						

After the last program has been entered, the loading program will stop. Delete the loading program by typing DELETE 9000. Type RUN to return to Tasword II. The program is now modified to work with the Aerco interface. Be sure to save a copy of this new revision.

How to Change the Colors of Your Display

Enter the following: POKE 58512,54 <ENTER> POKE 58513,x <ENTER> POKE 58521,54 <ENTER> POKE 58522,x <ENTER> where x=8" paper color + ink colors.

Foreign Versions of Tasword II

Tasword II has been translated into many languages. Some versions even produce special characters on the screen and in printouts. For more information, write to: Semaphore, CH-1283 La Plaine, Switzerland.